

**Amendments to the Drawings:**

That attached sheet of drawings includes changes to FIG. 1. This sheet, which includes FIGS. 1, 2, and 3, replaces the original sheet including FIGS. 1, 2, and 3. FIG. 1 is amended to illustrate that Liquid Crystal Material 132 would be provided into the chamber 130 of the display 100. No new matter is added. Entry and approval of the Replacement Sheet are requested.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes

## REMARKS

Claims 7-14, and 21-25 are all the claims pending in the application. Claims 21-23 were previously added as “withdrawn” from consideration pursuant to a restriction/election of species requirement. Claim 7 is independent. No claims are amended. This amendment addresses each point of objection and rejection raised by the Examiner. Favorable reconsideration is respectfully requested.

Applicant thanks the Examiner for initialing the Information Disclosure Statements dated October 16, 2003; July 30, 2004; November 9, 2004; May 23, 2005; and August 2, 2005.

### Objections

The Examiner objects to liquid crystal material not being assigned a reference sign in FIG. 1. Liquid crystal material would be provided into the chamber 130, as explained (for example) in paragraph [11] of the application. To address the objection, Applicant has amended paragraph [11] to identify the liquid crystal material as “132” and amended FIG. 1 to illustrate that “(LC MATERIAL 132)” would be provided into the chamber 130 of the display 100.

The Examiner asks “How is a polymer memory system 400 (Fig. 4) fitting in the display structure (Fig. 1)?” As explained in paragraph [13] of the application, “Embodiments of the present invention introduce a polymer memory system into a chamber 130 of a display 100.” The polymer memory system 400 in FIG. 4 is an example of a polymer memory system that may be used in chamber 130, in place of the example polymer memory system shown in FIG. 1.

The Examiner asks “How are driving conductor 420 and data conductors 430 relating to the supply, return conductors 190/200 or addressing conductors 210/220?” The driving conductors 420 and data conductors 430 in FIG. 4 and the supply conductors 190 and return

conductors 200 in FIG. 1 permit individual addressing of the polymer memory cells of the respective polymer memory system. This is explained for conductors 190/200 in paragraph [14], since the conductors 190/200 are not shown individually in FIG. 1, whereas the conductors 420/430 are shown individually in FIG. 4. In comparison, the addressing conductors 210 and 220 drive the transistor 140 and LCD materials, rather than the polymer memory cells of the respective polymer memory system. *See, e.g.*, paragraph [14].

Reconsideration and withdrawal of the objections are respectfully requested.

### **35 U.S.C. § 102(e) Rejections**

Claims 7-11, 13, 14, and 24-25 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Patent Application Publication US 2004/0125272 A1 to Chung *et al.* (“Chung”).

Independent claim 7 recites “... a plurality of polymer memory cells *provided within* the chamber to store liquid crystal...” (emphasis added). In comparison, Chung states “Embodiments of the present invention provide a flat panel display system that includes a polymer memory *provided thereon*.” Chung para. [0011] (emphasis added). Chung does not disclose providing the polymer memory cells within the chamber to store liquid crystal. For example, in Chung FIGS. 1 and 4, the polymer memory system 140/420 is provided behind the mirror layer 110/440, relative to the LCD layer 120/450. *See, e.g.*, Chung paras. [0012] and [0019]. Accordingly, claim 7 is not anticipated. Further, claims 8-11, 13, 14, and 24-25 are not anticipated at least by virtue of their dependency from claim 7.

Reconsideration and withdrawal of the § 102(e) rejections are respectfully requested.

**35 U.S.C. § 103(a) Rejection**

Claim 12 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Chung.

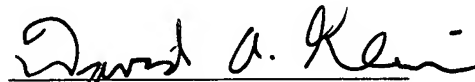
Chung might be prior art only under subsection (e) of Section 102. The subject matter of Chung and the presently claimed invention were, at the time the presently claimed invention was made, owned by Intel Corporation or subject to an obligation of assignment to Intel Corporation. Thus, in accordance with 35 U.S.C. § 103(c), Chung can not be prior art for the purpose of § 103(a). Withdrawal of the § 103(a) rejection is respectfully requested.

**Conclusion**

Applicant authorizes the Commissioner to charge any fees determined to be due with the exception of the issue fee and to credit any overpayment to Deposit Account No. 11-0600.

The Examiner is invited to contact the undersigned at (202) 220-4209 to discuss any matter concerning this application.

Respectfully submitted,  
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